

Survivor Series Level 3

Year 5 and 6 students.

Survivor Series 2017

Level 3



For Year 5 and Year 6 students.
Curriculum level 3.

What to do.

For students.

1. You can work with a friend or two friends!
Teams can be different each day.
2. Do the tasks and enter your answers in your maths book and show your teacher.
3. If you are right you will get the next task.
4. If you are wrong, answer the task again.
5. When you have finished each day you will get a code word.
6. At the end of the week you will have 5 code words.
Put them together and this will tell you where your school's Maths Week treasure is.
7. Good luck !



Friday:
Survivor Series
For Year 5 and Year 6 students

2017

Helter Skelter.
Level 3
Curriculum Level 3

Friday:

Helter Skelter

One complete rotation is 360° .
Two complete rotations is 720° .
One half a rotation is 180° .
One quarter a rotation is 90° .



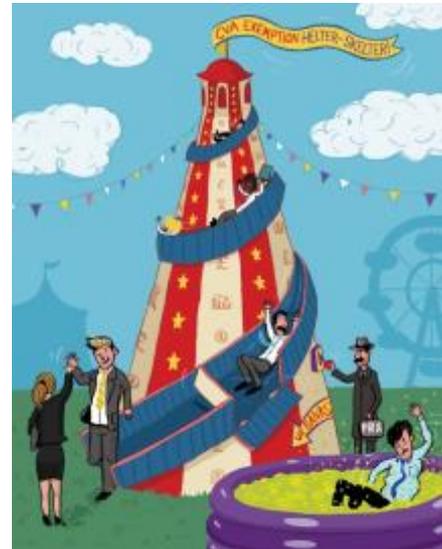
Task One.

Ceva jumps on the Helter Skelter at the top and slides to the bottom.

Through what size angle does she slide?

- (a) 360°
- (b) 720°
- (c) 900°
- (d) 1080°

What a ride!!



Task Two.

The Helter Skelter on the Brighton Pier in England is very famous.

It has been there for a long time and many people have had rides on it.

Through what size angle would Pierre turn when he slides down it?

- (e) 360°
- (f) 540°
- (g) 720°
- (h) 900°

Fantastic ride!



Task Three.

This old Helter Skelter was built on the pier in Llandudno, North Wales. It is very popular during the summer.

When Gavin and Stacey came to North Wales, Stacey had a ride on this Helter Skelter.

Through what angle did she turn in her ride down the Helter Skelter?

- (i) 360°
- (j) 540°
- (k) 720°
- (l) 1080°



Task Four.

The Helter Skelter on Brighton Pier is pictured here. We can see Joy sliding as she comes around the corner. Through what angle does she turn in the picture?

- (m) 90°
- (n) 180°
- (o) 270°
- (p) 360°



The Five.

This Helter Skelter is unusual in that there are two slides wrapped around each other.

It is on Cleethorpes Beach on the east coast of England. Through what size angle does a person turn as they slide from the top to the bottom?

- (q) 180°
- (r) 360°
- (s) 540°
- (t) 720°



Task Six.

This photo is of the Helter Skelter at Saughton Park, Edinburgh and was taken over 100 years ago in 1908. It looks like great fun in those olden days too.

Look at the people watching and how they are dressed.

Through what size angle would the boys on the slide turn as they come down this wooden Helter Skelter?

- (u) 180°
- (v) 360°
- (w) 540°
- (x) 720°

Does this Helter Skelter still exist?
Check it out !!



Task Seven.

This Helter Skelter is drawn around the tallest building in London and Europe. It has 87 floors and stands 306 metres tall.

In 2013 a picture of The Shard with a Helter Skelter drawn around it featured in the London newspapers.

It was April 1st and it was an April fools joke.

People calculated for anyone sliding down it they would reach speeds of 120 kilometres per hour. For this they would need special mats and probably special high speed suits!

Through what angle would the sliding person turn as they came down this mythical Helter Skelter?

- (y) 360°
- (z) 1800°
- (aa) 1980°
- (bb) 3600°

